L Number	Hits		DB	Time stamp
1	1706	(slic or "line interface" or "loop intereface").ti.	USPAT; US-PGPUB;	2003/07/02 11:23
		Interestate 7.621	EPO; JPO; DERWENT; IBM_TDB	
2	23	((slic or "line interface" or "loop intereface").ti.) and ("high impedance" or "high resistance").ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/07/02 08:36
3	49	<pre>(ring\$3 and (generat\$3 or circuit or signal\$4)).ti. and (loop and (impedance or resistance)).ab.</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/07/02 09:07
5	26 17	((379/372).CCLS.) and ring\$3.ti. ((379/372).CCLS.) and (impedance or resistance).ab.	USPAT USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/07/02 09:07 2003/07/02 09:07
6	62	<pre>((ring\$3 or call\$3).ti.) and ((loop line feed) adj (resistance impedance)).ab.</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/07/02 09:17
7	0	(((slic or "line interface" or "loop intereface").ti.) and ("high impedance" or "high resistance").ab.) and ((ring\$3 and (generat\$3 or circuit or signal\$4)).ti. and (loop and (impedance or resistance)).ab.) and (((379/372).CCLS.) and ring\$3.ti.) and (((379/372).CCLS.) and (impedance or resistance).ab.) and (((ring\$3 or call\$3).ti.) and ((loop line feed) adj (resistance impedance)).ab.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/02 12:19
9	27	(ringing and impulse and noise).ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/07/02 11:23
14 15	8 14	4953206.URPN. ("1277025" "2212927" "2260296" "3309633" "3340364" "3535646" "3641357" "3736437" "4178480" "4456985" "4456986" "4546212" "4608686" "4640989").PN.	USPAT USPAT	2003/07/02 11:56 2003/07/02 11:48

27	216	(((((slic or "line interface" or "loop	USPAT;	2003/07/02 11:57
		intereface").ti.) and ("high impedance" or	US-PGPUB;	
		"high resistance").ab.) ((ring\$3 and	EPO; JPO;	
i		(generat\$3 or circuit or signal\$4)) ti. and	DERWENT;	
		(loop and (impedance or resistance)).ab.)	IBM TDB	
		(((379/372).CCLS.) and ring\$3.ti.)	_	
		(((379/372).CCLS.) and (impedance or		
		resistance).ab.) (((ring\$3 or call\$3).ti.)		
		and ((loop line feed) adj (resistance		
		<pre>impedance)).ab.)) or (((ringing and impulse</pre>		
		and noise).ab.) not ((((slic or "line		
		interface" or "loop intereface").ti.) and	•	
		("high impedance" or "high resistance").ab.)		
		((ring\$3 and (generat\$3 or circuit or		
		signal\$4)).ti. and (loop and (impedance or		
		resistance)).ab.) (((379/372).CCLS.) and		
		ring\$3.ti.) (((379/372).CCLS.) and		
		(impedance or resistance).ab.) (((ring\$3 or		
		call\$3).ti.) and ((loop line feed) adj		
		(resistance impedance)).ab.)))) or		
		4953206.URPN. or (("1277025" "2212927"		
		"2260296" "3309633" "3340364"		
		"3535646" "3641357" "3736437"		
		"4178480" "4456985" "4456986"		
		"4546212" "4608686" "4640989").PN.)		

L Number	Hits	Search Text	DB	Time stamp
2	49		USPAT;	2003/07/02 15:48
		signal\$4)).ti. and (loop and (impedance or	US-PGPUB;	
		resistance)).ab.	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
3	26	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	USPAT	2003/07/02 15:48
4	17	(() · · · / · · · · · · · · · · · · · · ·	USPAT;	2003/07/02 15:48
		resistance).ab.	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
l _ '			IBM_TDB	
5	62	((===================================	USPAT;	2003/07/02 15:50
		feed) adj (resistance impedance)).ab.	US-PGPUB;	
ļ			EPO; JPO;	
			DERWENT;	
6	8	4953206.URPN.	IBM_TDB USPAT	2002/07/02 15 52
7	14		USPAT	2003/07/02 15:52 2003/07/02 16:00
	_ **	"3309633" "3340364" "3535646"	USPAI	2003/07/02 16:00
		"3641357" "3736437" "4178480"		
		"4456985" "4456986" "4546212"		
		"4608686" "4640989").PN.		Ì
8	27	l	USPAT;	2003/07/02 15:52
			US-PGPUB;	
,			EPO; JPO;	
			DERWENT;	
_			IBM_TDB	
9	9	''	USPAT;	2003/07/02 15:52
		impulse).ab.	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
10	2214	(270/142 04 02 170 207 00 207 00 252 277 27	IBM_TDB	
24	3314 54	, , , , , , , , , , , , , , , , , , ,	01322A,1413.01	1,42U&3450/860219.6880023,93.03
23	34	(((3/9/142.04 3/9/82 3/9/1/9 3/9/20/.08 3/9/2 and ("caller id" or "caller	US-PGPUB;	
		identification")) and switch and ring\$3 and	EPO; JPO;	
		silent	DERWENT;	
			IBM TDB	